

Umetco Minerals Corporation



P.O. BOX 767 • NUCLA, COLORADO 81424

April 20, 1989

m/037/012

RECEIVED
APR 24 1989

Ms Deborah K. Johnson
Moab Ranger District
125 West 200 South
Moab, Utah 84532

DIVISION OF
OIL, GAS & MINING

Dear Debbie,

Enclosed is the plan of operations and maps for the two vent holes at the Pandora Mine that we examined in the field on April 11.

I hope that the information will be sufficient.

Yours Truly,

John S. Vanderpool
Chief Geologist

Enclosures

CC: Frank Barnett
Milt Derrick
Holland Shepard
File

PLAN OF OPERATIONS

I. GENERAL INFORMATION:

Pandora Mine - Uranium-Vanadium Mine. The mine is currently operating. This mine was originally owned by Atlas Minerals. The mine was acquired in late 1988 by Umetco Minerals Corporation. The proposed two vent holes will be drilled in late May through July. The reclamation of these sites and roads will be done after the ore body has been mined out.

II. PRINCIPALS:

The operator is Umetco Minerals Corporation, P.O. Box 307, La Sal, Utah 84530 - 801-686-2228. The designated field representative is John S. Vanderpool, Umetco Minerals Corporation, P.O. Box 767, Nucla, Colorado 81424, 303-864-7412.

III. PROPERTY OR AREA:

The north vent hole in the SE1/4, S31, T28S, R24E is on the Pandora ³⁹(91) claim UMC 129516. The east vent hole is in the NW1/4 S5, T29S, R24 is on the Pandora ⁷⁵(75) claim UMC 12900. The access to the two sites will be from existing roads and reopening of old drill roads (1600') made by Atlas Minerals in 1980 and 1981. These roads will be bermed as necessary to decrease the degradation of the drill roads.

IV. PROPOSED OPERATION:

The vent holes will be drilled with a raise borer machine. The old drill roads will be bladed by a grader and maintained as to lessen the degradation of the roads. After the vent holes have been drilled and completed, fans will be placed on the vent holes and the power lines will be run from the existing Pandora Vent holes to the proposed vent holes as shown on the map. The power line to the section 31 vent hole is approximately 1000 feet long (4 poles). The power line to the Section 5 vent hole is approximately 1500' long (6 poles). The opened old drill roads will be maintained for access to the vent holes. The concrete vent hole pads will be 14 x 14 or 0.005 acres for each one. The extent of disturbance of each site will be 0.10 acres. A cutting catch pond (25'x 25' x 5') will be utilized at each site. The top soil will be saved and the pond will be reclaimed and seeded after drilling of each vent hole.

V. MITIGATION MEASURES:

The old drill roads will be maintained as to lessen the degradation of the area. If necessary, water bars will be utilized on the roads. All trash will be cleaned up and disposed of. Any refuse, such as oil spills, will be cleaned up.

VI FOLLOWING MINING:

After the completion of mining, the pads will be removed and the area will be reclaimed to the present existing contours. The area will be reseeded. The reclamation of the vent holes will consist of placing 75-100 tons of 1'-2' size rip-rap at the bottom of the hole. Fines (1/2" - 2" diameter) will be placed on the top of the rip-rap. The fine and cement plug will be five feet thick at the bottom of each vent hole. The entire hole will be filled with waste to within seven feet of the surface. A five-foot cement plug will be placed at the top with ⁿtwo feet of topsoil to the collar. The power pole holes will be filled in and reseeded after the completion of mining.

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